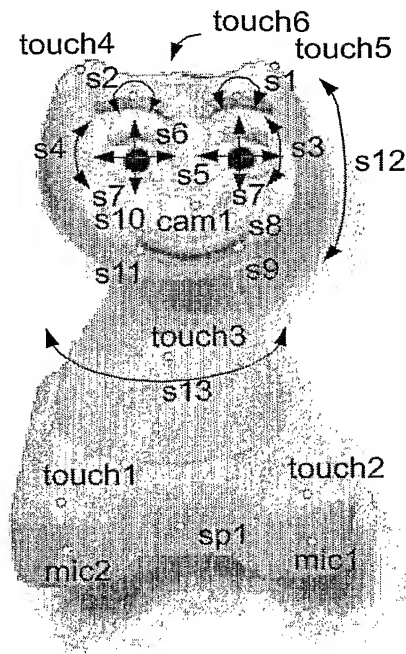FIG.1
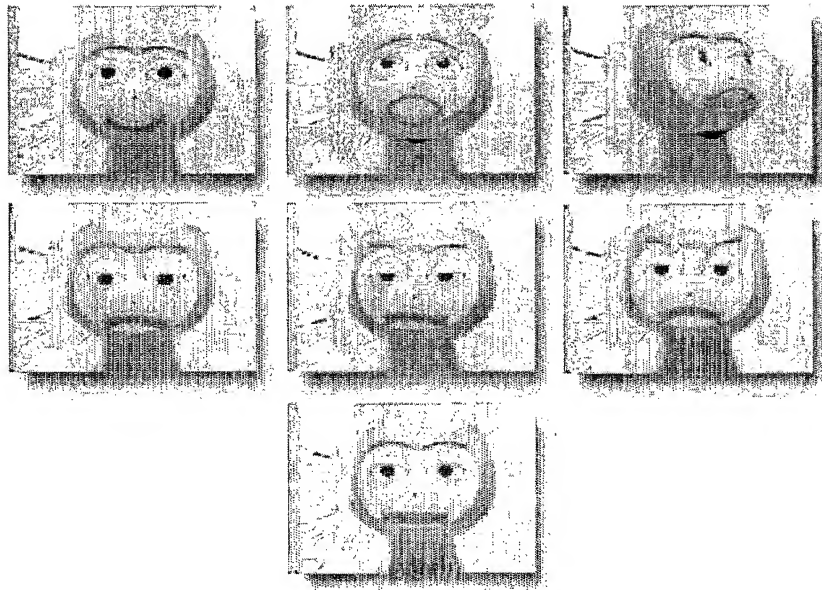

FIG.2

FIG.3
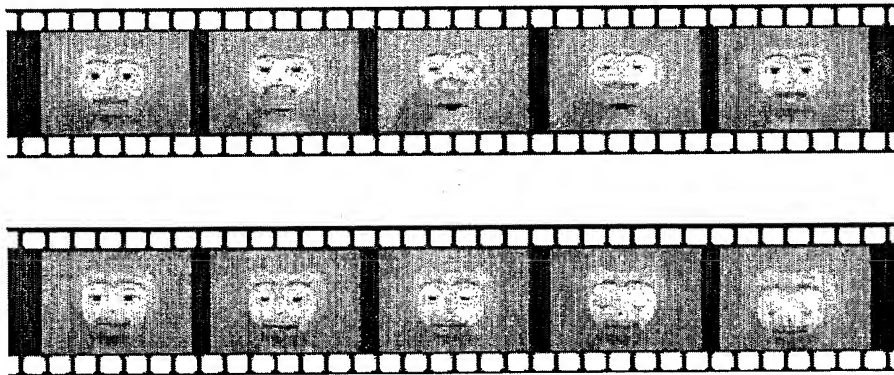

FIG.4
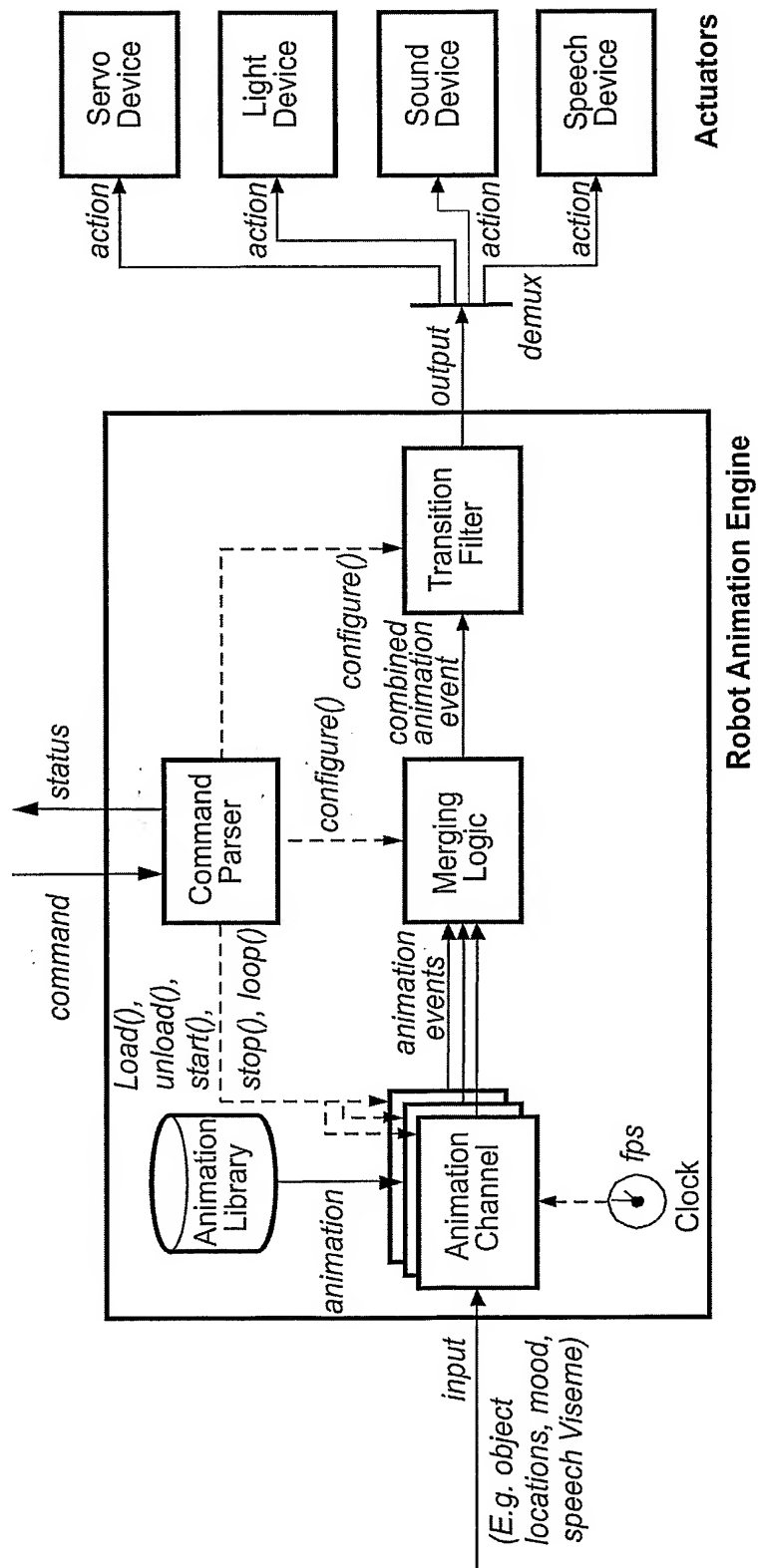
FIG.5
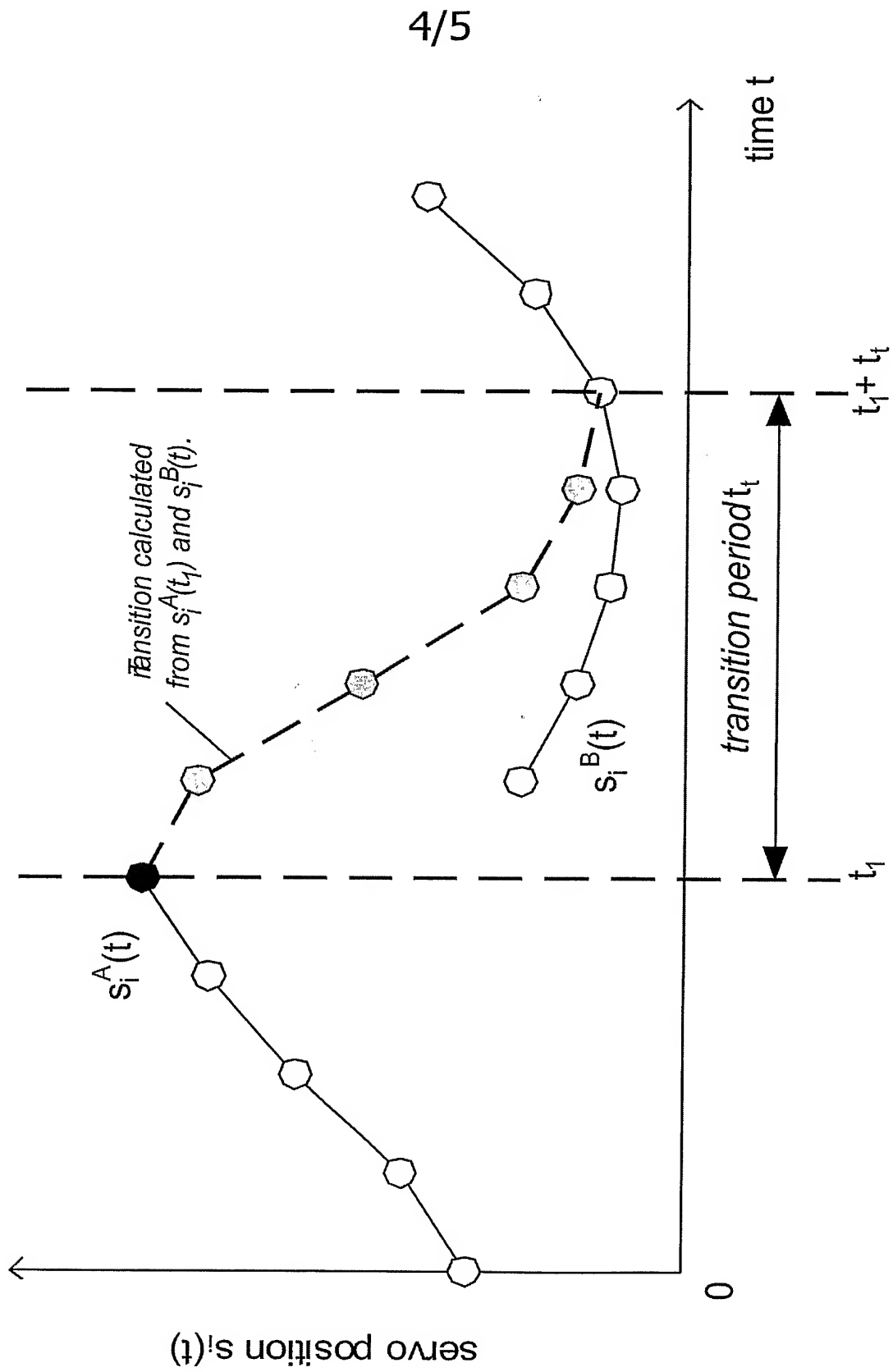
FIG.6

$$s_i(t) = \begin{cases} s_i^A(t) & t < t_1 \\ \alpha(t) * s_i^B + (1 - \alpha(t)) * s_i^A(t) & t_1 \leq t < t_1 + t_t \\ s_i^B(t) & t \geq t_1 + t_t \end{cases} \quad (1)$$

$$\alpha(t) = \frac{t - t_1}{t_t} \quad (2)$$

FIG.7